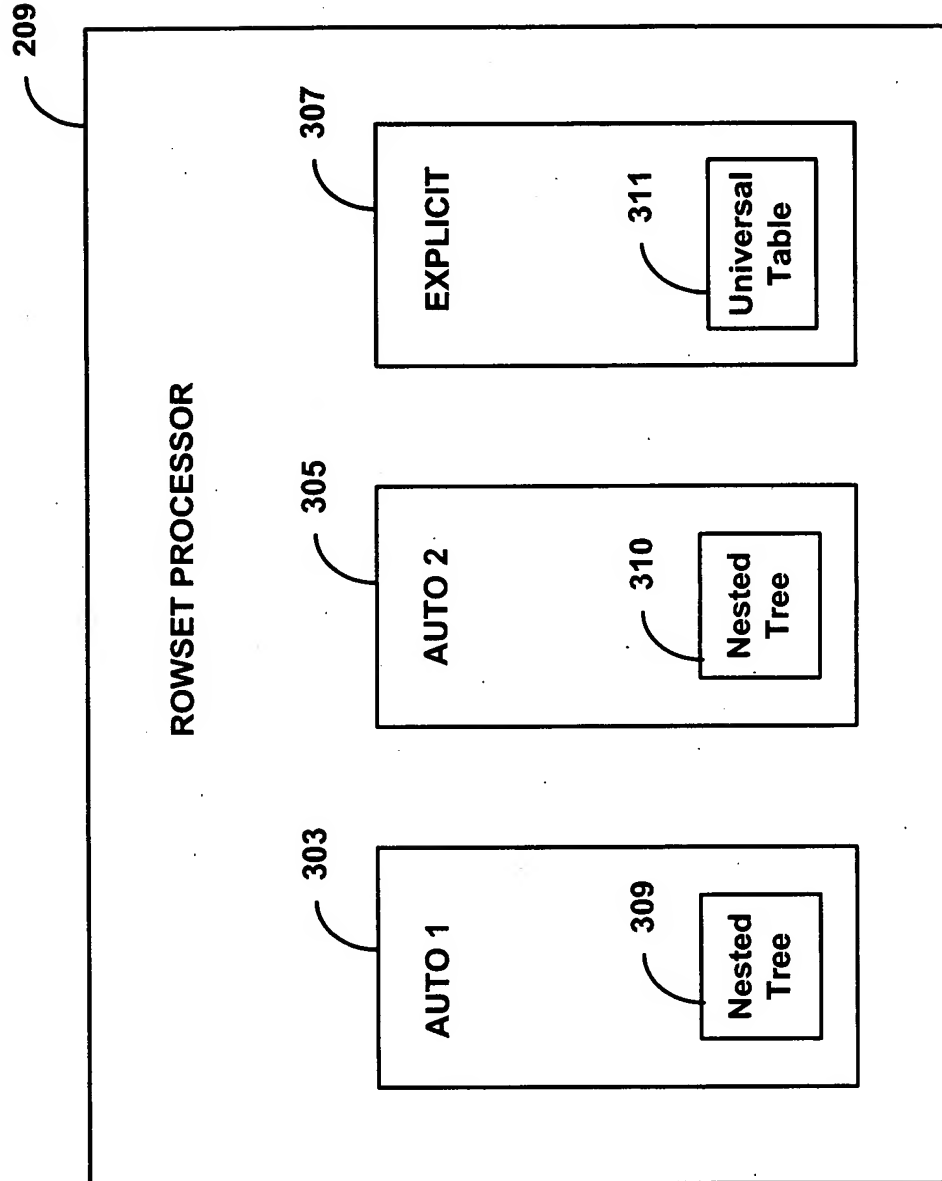
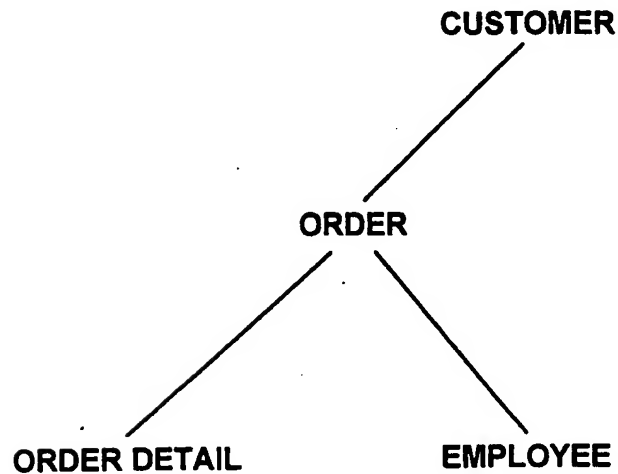


**FIG. 2**



**FIG. 3**



**FIG. 4A**

```
<Customer name="Smith">
  <Order oids="1397">
    <Orderdetail quantity="10" product="ABC" price="100"/>
    <Orderdetail quantity="5" product="DEF" price="50"/>
    <Orderdetail quantity="2" product="GHI"/>
    <Employee id="987"/>
  </Order>
</Customer>
```

**FIG. 4B**

311

507

TAG	PARENT	Customer!1!cid	Customer!1!name	Order!2!id	Order!2!date	OrderDetail!3!id	OrderDetail!3!idref
1	NULL	C1	"JANINE"	NULL	NULL	NULL	NULL
2	1	C1	NULL	01	1/20/1996	NULL	NULL
3	2	C1	NULL	01	NULL	OD1	P1
4	2	C1	NULL	01	NULL	OD2	P2
5	1	C1	NULL	02	3/29/1997	NULL	NULL

503 505

FIG. 5

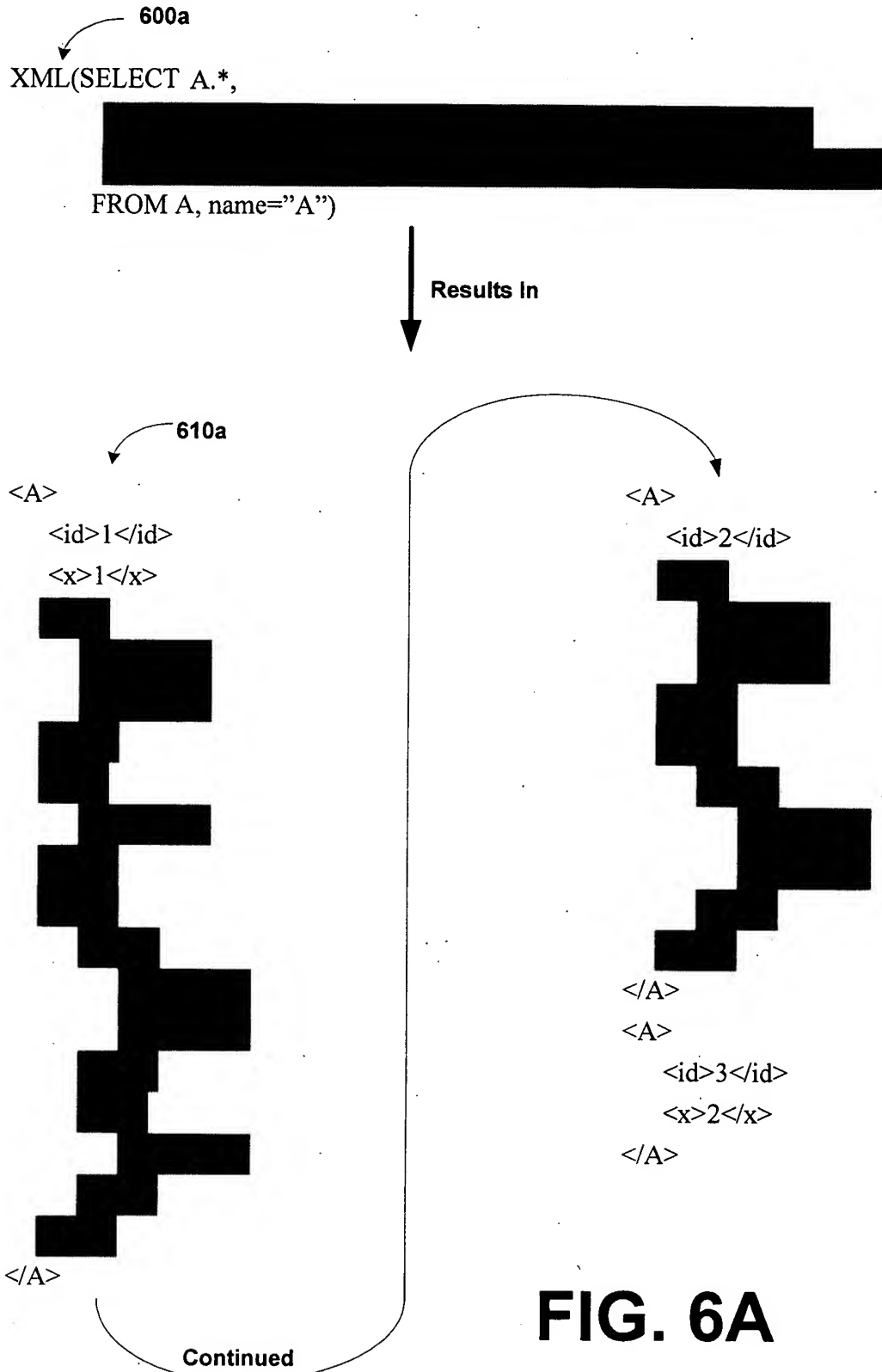
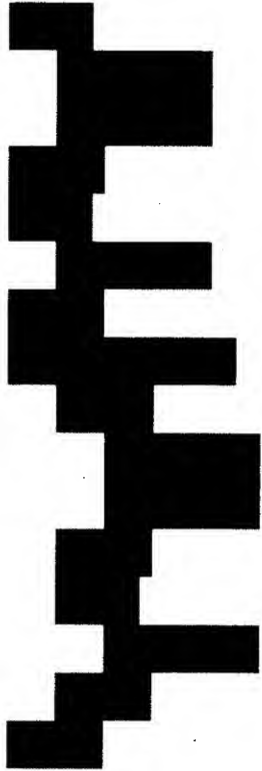


FIG. 6A

600b  
XML(SELECT A.\*,

FROM A,  
name="A", default namespace ="http://example.com/1")

Results In

610b  
<A xmlns="http://example.com/1">  
  <id>1</id>  
  <x>1</x>  
    
</A>

Continued

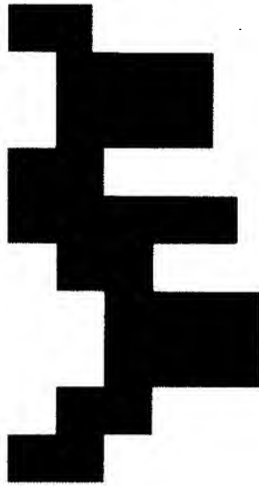
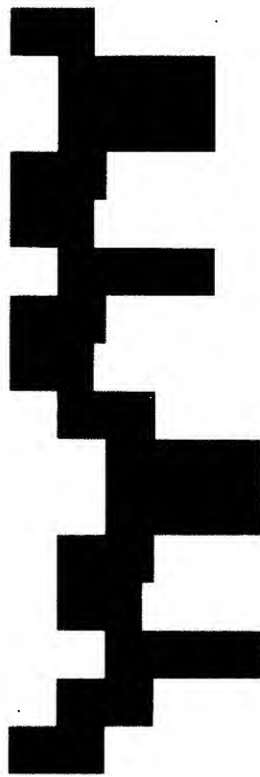
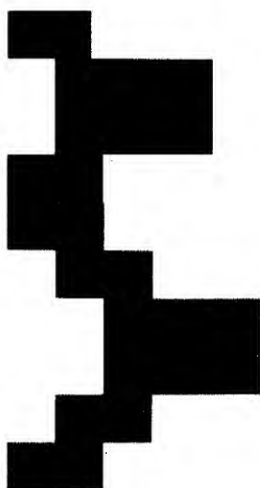

<A xmlns="http://example.com/1">  
  <id>2</id>  
    
</A>  
<A xmlns="http://example.com/1">  
  <id>3</id>  
  <x>2</x>  
</A>

FIG. 6B

**700a**

**FIG. 7A**

710a	
id	x
1	<p>&lt;A&gt;</p> <p>&lt;x&gt;1&lt;/x&gt;</p>  <p>&lt;/A&gt;</p>
2	<p>&lt;A&gt;</p>  <p>&lt;/A&gt;</p>
3	<p>&lt;A&gt;</p> <p>&lt;x&gt;2&lt;/x&gt;</p>  <p>&lt;/A&gt;</p>



A <b>720a</b>	
id	x
1	1
2	NULL
3	2

B <b>720b</b>	
a	y
1	2
1	5
1	1
2	1

**700b**  
 SELECT A1.id,  
 XML(SELECT A.x,  
 [REDACTED]  
 FROM A WHERE A.id = A1.id, name="A") as x  
 FROM A A1


Resulting Rowset

<b>710b</b>	
id	x
1	<A> <x>1</x> [REDACTED] </A>
2	<A> [REDACTED] </A>
3	<A> <x>2</x> </A>



**FIG. 7B**

A <u>730a</u>	
id	x
1	1
2	NULL
3	2

B <u>730c</u>	
a	y
1	'a'
1	'b'
1	'c'
2	'd'

SELECT A1.id, 700c  
XML(SELECT  
  
A.x  
FROM A WHERE A.id = A1.id, map=path, name="A") as x  
FROM A A1

Resulting  
Rowset

<u>710c</u>	
id	x
1	<A  <x>1</x> </A>
2	<A  />
3	<A> <x>2</x> </A>

**FIG. 7C**